		ATTORNEY'S DOCKET NUMBER
₩_	THE AND TRADEMARK OFFICE	1 -v(C \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
U.S. DEPARTMENT OF COMM	IERCE PATENT AND TRADEMARK OFFICE	U.S. APPLICATION NO. (If known, see 37 CFR 1.5
ORM PTO-1390 Dry 12-2001)	TO THE UNITED TO TIS	U.S. APPLICATION
P RANSMITTAL LETTER	TO THE UNITED STATES ED OFFICE (DO/EO/US) NG UNDER 35 U.S.C. 371	10/070,878
DESIGNATED/ELECT	IG UNDER 35 U.S.C. 371	PRIORITY DATE CLAIMED
CONCERNING A FILIT	ED OFFICE (DO/EO/O3) IG UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE	7 2000
INTERNATIONAL APPLICATION NO.	June 7, 2001	at the doct Utilization for Separation of DNA
PCT/CUO \$0003	Chambers, Accessories and	Method of Games
PULSED FIELD Pulsed Field Ele	ctrophoresis Chamboo,	Method of Utilization for Separation of DNA A other information:
IHADL	ac et al	(c) the following items and other information:
APPLICANT(S) FOR DO/EO/US Roja	Designated/Elected Office (DO/EO/I	(15) the folia:
th submits to the United	States Designated Disc. 37	US) the following items and other information: 1. ing under 35 U.S.C. 371.
Applicant herewith submits	States Designated 25 U.S.C. 37 ms concerning a filing under 35 U.S.C. 37 ENT submission of items concerning a filing in national examination procedures (35 U.S.)	ing under 35 U.S.C. 371.
1. This is a FIRST submission of its	TENT submission of items concerning a fill in national examination procedures (35 U.S. ated below.	C 371(f)). The submission must include
SECOND or Subseque	tion procedures (33 U.S	
2. This is a specific request to beg	in national examination process ated below. expiration of 19 months from the priority despiration as filed (35 U.S.C. 371(c)(2)) lication as filed (35 U.S.C. 371(c)(2))	ate (Article 31).
3. This is an express and (21) indication items (5), (6), (9) and (21) indication items (5).	expiration of 19 months from the photoly e	
4. The US has been elected by the	lication as filed (35 U.S.C. 371(C)(2))	rnational Bureau).
5. A copy of the International App	expiration of 19 months from the plants are expiration as filed (35 U.S.C. 371(c)(2)) lication as filed (35 U.S.C. 371(c)(2) lication as filed (35 U.S.C. 371(c)(2) lication as filed (35 U.S.C. 371(c)(2) lic	~~(J.15)
a lis attached	hu the International Dan	Receiving Office (RO/US).
b. has been communicated as the	ted by the International Bureau. application was filed in the United States an of the International Application as filed (35 U.S.C. 371(c)(2)).
c. is not required, as the	n of the International Application as filed	
translation to the state of the	III Or ···	
is attached	under 35 U.S.C.	10 (35 U.S.C. 37 X A
h. has been previously	the International Aplication under PC1 Ar	International Bureau).
7 Amendments to the claims of	submitted under 35 U.S.C. 154(d)(4). the International Aplication under PCT Ar (required only if not communicated by the literated by the International Bureau.	Micros.
7. Amendment are attached hereto	the International Bureau.	denents has NOT expired.
have been commun	the time limit for making such	amenon
b. have not been made	le; however, the time in	- 11 C C 371 (c)(3)).
c. I have not been made	de and will not be made.	r PCT Article 19 (35 U.S.C. 371 (S.C.)
d. L have not been his	ation of the amendments to the claims unde	
8. An English language transit	the however, the time made. The and will not be made. The attion of the amendments to the claims under the inventor(s) (35 U.S.C. 371(c)(4)).	s mination Report under PCT
An oath or declaration of t	the inventor(s) (35 U.S.C. 371(c)(4)). International Properties of the International Properti	reliminary Examination Report under PCT
9. All Gain of the same trans	lation of the annexes of the internation	
10. An English lanugage trans Article 36 (35 U.S.C. 371	(c)(5)).	
Items 11 to 20 below concern	n document(s) or information included: sure Statement under 37 CFR 1.97 and 1.98 sure Statement and A separate cover sheet in	3. 1 compliance with 37 CFR 3.28 and 3.31 is included
11. An Information Disclos	Eng. Δ senarate cover sheet it	1 compilative
An assignment docume	ent for recording. A separation	
An assignment A FIRST preliminary	amendment.	
13. A FIRST preliminary	FOLIENT preliminary amendment.	
14. A SECOND or SUBS	SEQUENT preliminary amendment.	
15. A substitute specifica	tion.	125 USC 1821 - 1.82
15. A substitute specific	f attorney and/or address letter.	with PCT Rule 13ter.2 and 35 U.S.C. 1102
16. 🛣 A change of power of	form of the sequence listing in accordance	with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.82 35 U.S.C. 154(d)(4).
17. A computer-readable	form of the sequence listing in de-	35 U.S.C. 134(4)(4).
	e published international appro-	as U.S.C. 154(d)(4).
18. A second copy of	as English language translation of the inter	Harrows 13
19. A second copy of t	he Euknan imag	
a or info	ormation:	
20. Other items of fine	Chaot	
. 50-40	Plier	
Application Data Request for Exte	ension of Time	

		INITED	NATIONAL APPLICATION NO.			ATTORNEY'S DO LEXSA P-27		
NPPLICATION NO. (if known, s 170,878	ee 37 CFR 1.5)	PCT/CU0	1/00003		CAL	CULATIONS	PTO U	USE ONLY
or international sear and International Sear international preliming JSPTO but Internat international preliming but international sear international preliming but all claims did no	preliminary e ch fee (37 CF rich Report no nary examinat ional Search F nary examinat rich fee (37 CF inary examina t satisfy provis inary examina	xaminate (37) R 1.445(a)(4) to prepared by the	(c)	USPTO \$740.00 PTO \$710.00 SPTO \$100.00	1		<u></u>	
		4 (1 .	- doctaration later than	20 30	s			
nonths from the ear	liest claimed i		(37 CFR 1.492(e)). NUMBER EXTRA	RATE	\$			
CLAIMS	NUMBER		NUMBER EATER	x \$18.00	\$			
Total claims	ļ	- 20 =		x \$84.00	\$			
ndependent claims	- CI AT	-3 =	nlicable)	+ \$280.00	\$			
ndependent claims MULTIPLE DEPEN	DENT CLAI	COTAL (OF ABOVE CALCU	JLATIONS =	\$			
		IUIAUS	The fee	s indicated above	\ \$		- 1	
1.5	ne small entity	v status. Se	e 37 CFR 1.27. The fee		⊥ I			
Applicant clair	ns small entity	y status. Se	e 37 CFR 1.27. The fee	- TOTAL -	+ +			
Applicant clair are reduced by Processing fee of \$ months from the ea	ns small entity 1/2. 130.00 for furarliest claimed	y status. Se	English translation later te (37 CFR 1.492(f)).	than 20 :	30 8			
Applicant clair are reduced by Processing fee of \$ months from the ea	ns small entity 1/2. 130.00 for fur arliest claimed	y status. Se	e 37 CFR 1.27. The rec	than 20 CONAL FEE = ssignment must be 10.00 per property	\$30 \\ \frac{1}{3} \\	S Amount to be	40.00 40.00	\$
Applicant clair are reduced by Processing fee of \$ months from the ea	ns small entity 1/2. 130.00 for fur arliest claimed	y status. Se	English translation later te (37 CFR 1.492(f)). TOTAL NATI 37 CFR 1.21(h)). The a (37 CFR 3.28, 3.31). \$4	than 20 CONAL FEE = ssignment must be 10.00 per property	\$30 \\ \frac{1}{3} \\	5 5 5 S	40.00	
Applicant clair are reduced by Processing fee of \$ months from the ea	ns small entity 1/2. 130.00 for fur arliest claimed	y status. Se	English translation later te (37 CFR 1.492(f)). TOTAL NATI 37 CFR 1.21(h)). The a (37 CFR 3.28, 3.31). \$4	than 20 : Solution 20 : Soluti	30 9 +	\$ \$ Amount to be refunded charged	40.00 e	\$ \$
Applicant clair are reduced by Processing fee of \$ months from the experience of the companied by an accompanied by a accompan	ns small entity 1/2. 130.00 for further further claimed the enclosed and appropriate of the amount charge my Department of the copy of the missioner is syment to Department to Departm	rnishing the priority da ssignment (cover sheet see the six sheet is a specific to a cred to a c	English translation later te (37 CFR 1.492(f)). TOTAL NATI 37 CFR 1.21(h)). The a (37 CFR 3.28, 3.31). \$4 TOTAL FEES to cove to cove the coverage and the co	than 20 : than 20 : than 20 : CONAL FEE = ssignment must be 10.00 per property ENCLOSED = er the above fees is or the amount of or ditional fees which uplicate copy of this formation on this for ide credit card information	s seenclos s 40.0	S Amount to be refunded charged ed. The required, or its enclosed. The required of the requ	40.00 e:: i: credit credit czation	se above fees. any Credit card on PTO-2038.
Applicant clair are reduced by Processing fee of \$ months from the expension of the expens	ns small entity 1/2. 130.00 for furarliest claimed the enclosed an appropriate of the amount charge my Dejecte copy of the missioner is syment to Deposit to be charge ation should in the amount of the copy of	rnishing the priority da ssignment (cover sheet to sit of \$ to sit Accounts sheet is a sheet is a count to a cred to a cred not be included and gradeled an	English translation later te (37 CFR 1.24). TOTAL NATI 37 CFR 1.21(h)). The a (37 CFR 3.28, 3.31). \$4 TOTAL FEES to cove to cove the co	than 20 :	s s s sheet statu	Amount to be refunded charged ed. To come required, or its enclosed. Ture	40.00 e:: i: credit credit credit n to re	s any credit card on PTO-2038.
Applicant clair are reduced by Processing fee of \$ months from the earlier accompanied by are a. A check b. Please of A duplication of the converpant of the convergence of the conve	ns small entity 1/2. 130.00 for furarliest claimed the enclosed an appropriate of the amount charge my Dejecte copy of the missioner is syment to Deposit to be charge ation should in the amount of the copy of	rnishing the priority da ssignment (cover sheet to sit of \$ to sit Accounts sheet is a sheet is a count to a cred to a cred not be included and gradeled an	English translation later te (37 CFR 1.492(f)). TOTAL NATI 37 CFR 1.21(h)). The a (37 CFR 3.28, 3.31). \$4 TOTAL FEES to cove to cove the coverage and and the coverage and th	than 20 :	s s s sheet statu	Amount to be refunded charged ed. To come required, or its enclosed. The enclosed and authorize the enclosed of the enclosed of the enclosed. The enclosed of the enclosed of the enclosed of the enclosed of the enclosed. The enclosed of the enclosed o	40.00 e:: i: credit credit credit n to re	s any credit card on PTO-2038.
Applicant clair are reduced by Processing fee of \$ months from the earlier accompanied by are a. A check b. Please of A duplication of the converpant of the convergence of the conve	ns small entity 1/2. 130.00 for furarliest claimed the enclosed an appropriate of the amount charge my Dejecte copy of the missioner is syment to Deposit to be charge ation should in the amount of the copy of	rnishing the priority da ssignment (cover sheet to sit of \$ to sit Accounts sheet is a sheet is a count to a cred to a cred not be included and gradeled an	English translation later te (37 CFR 1.492(f)). TOTAL NATI 37 CFR 1.21(h)). The a (37 CFR 3.28, 3.31). \$4 TOTAL FEES to cove to cove the coverage and and the coverage and th	than 20 : than 20 : ONAL FEE = ssignment must be to the above fees is to the amount of state and the	s s s sheet statu	Amount to be refunded charged ed. To come required, or its enclosed. Ture	40.00 e:: i: credit credit credit n to re	s any credit card on PTO-2038.
Applicant clair are reduced by Processing fee of \$ months from the earlier accompanied by are a. A check b. Please of A duplication of the converpant of the convergence of the conve	ns small entity 1/2. 130.00 for furarliest claimed the enclosed an appropriate of the amount charge my Dejecte copy of the missioner is syment to Deposit to be charge ation should in the amount of the copy of	rnishing the priority da ssignment (cover sheet to sit of \$ to sit Accounts sheet is a sheet is a count to a cred to a cred not be included and gradeled an	English translation later te (37 CFR 1.492(f)). TOTAL NATI 37 CFR 1.21(h)). The a (37 CFR 3.28, 3.31). \$4 TOTAL FEES to cove to cove the coverage and and the coverage and th	than 20 : Than 2	s s s s s s s s s s s s s s s s s s s	Amount to be refunded charged ed. To come required, or its enclosed. The apetition of the come put and authorize the come put a	40.00 e:: i: over the credit olic. Cozation on to re	s any credit card on PTO-2038.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Rojas et al.

Int. Appl. No.:

PCT/CU01/00003

Int. Filing Date:

June 7, 2001

US Appl. No.:

10/070,878

US Filing Date:

Not Yet Assigned

Title:

PULSED FIELD GEL ELECTROPHORESIS CHAMBERS, ACCESSORIES AND METHODS OF USE FOR THE SEPARATION OF DNA MOLECULES

Attorney Docket No.: LEXSA P-27

Commissioner for Patents Box PCT Washington, DC 20231

CERTIFICATE OF MAILING

Dear Sir:

I hereby certify that this correspondence is being deposited with the United States

Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents, Box PCT, Washington, DC. 20231 on August 15, 2002.

Respectfully submitted,

Date: August 15, 2002

Thomas Blankinship Reg. No. 39,909 Lackenbach Siegel One Chase Road Scarsdale, NY 10583 tel. (914) 723 4300